

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A DTMF data generating apparatus which is used in a communication system code-compressing and transmitting a voice signal to an opposite-side communication apparatus and which generates DTMF data for reporting a DTMF signal being intermingled with said voice signal to said opposite-side communication apparatus, said DTMF data generating apparatus comprising:

a DTMF code information generating unit for detecting the DTMF code of a DTMF signal to be reported to said opposite-side communication apparatus and generating DTMF code information on the basis of ~~this~~ the result of detection,

a duration time information generating unit for detecting the output duration time of said DTMF signal to be reported to said opposite-side communication apparatus and generating duration time information on the basis of ~~this~~ the result of detection, and

a DTMF data generating unit for generating DTMF data including the destination information of said opposite-side communication apparatus, said DTMF code information generated by said DTMF code information generating unit and said duration time information generated by said duration time information generating unit.

2. (Currently Amended) A DTMF data generating apparatus according to claim 1, wherein:

said DTMF data ~~has~~ have a destination information storing area for storing said destination information and a DTMF content information storing area for storing said DTMF code information and said duration time information.

3. (Currently Amended) A DTMF data generating apparatus according to claim 1, further comprising:

transmitting DTMF data generated by said DTMF data generating apparatus in an ATM cell form to said opposite-side communication apparatus.

4. (Currently Amended) A DTMF data generating method which is used in a communication system transmitting a voice signal to an opposite-side communication apparatus and generates DTMF data for reporting a DTMF signal being intermingled with said voice signal to said opposite-side communication apparatus, said method comprising the steps of:

detecting the DTMF code of a DTMF signal to be reported to said opposite-side communication apparatus and generating DTMF code information on the basis of ~~this~~ the result of detection,

detecting an output duration time of said DTMF signal to be reported to said opposite-side communication apparatus and generating duration time information on the basis of ~~this~~ the result of detection, and

generating DTMF data including the destination information of said opposite-side communication apparatus, said DTMF code information and said duration time information.

5. (Currently Amended) A DTMF data structure for being used in a communication system code-compressing and transmitting a voice signal to an opposite-side communication apparatus and for reporting a DTMF signal being intermingled with said voice signal to said opposite-side communication apparatus, said structure comprising:

a destination information storing area for storing destination information indicating the destination of said opposite-side communication apparatus to be notified of said DTMF signal, and

a DTMF content information storing area for storing DTMF code information indicating the code of a DTMF signal to be reported to said opposite-side communication apparatus and duration time information indicating the output duration time of a DTMF signal to be reported to said opposite-side communication apparatus.

6. (New) A DTMF data generating apparatus according to claim 1, further comprising:

a code-compression unit for code-compressing said voice signal and said DTMF signal intermingled with said voice signal; and

a transmitting unit for transmitting said code-compressed voice signal and said code-compressed DTMF signal to said opposite-side communication apparatus,

wherein said code-compressed DTMF signal is uncompressed at said opposite-side communication apparatus based on the output duration time provided in said DTMF data.

7. (New) A DTMF data generating method according to claim 4, further comprising:

code-compressing said voice signal and said DTMF signal intermingled with said voice signal; and

transmitting said code-compressed voice signal and said code-compressed DTMF signal to said opposite-side communication apparatus,

wherein said code-compressed DTMF signal is uncompressed at said opposite-side communication apparatus based on the output duration time provided in said DTMF data.

8. (New) A data structure according to claim 5, wherein said code-compressed DTMF signal is uncompressed at said opposite-side communication apparatus based on the output duration time stored in said DTMF content information storing area before being output to said opposite-side communication apparatus.